

*California Department of Transportation
Division of Maintenance*

Structure Maintenance and Investigations

B_{RIDGE}

I_{NSPECTION}

R_{ECORDS}

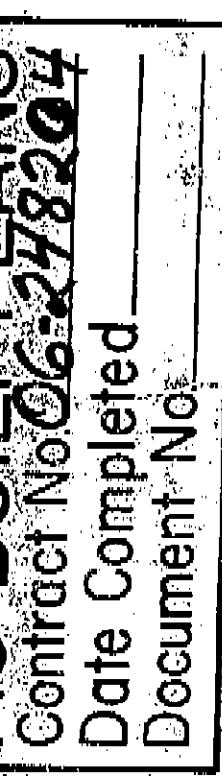
I_{NFORMATION}

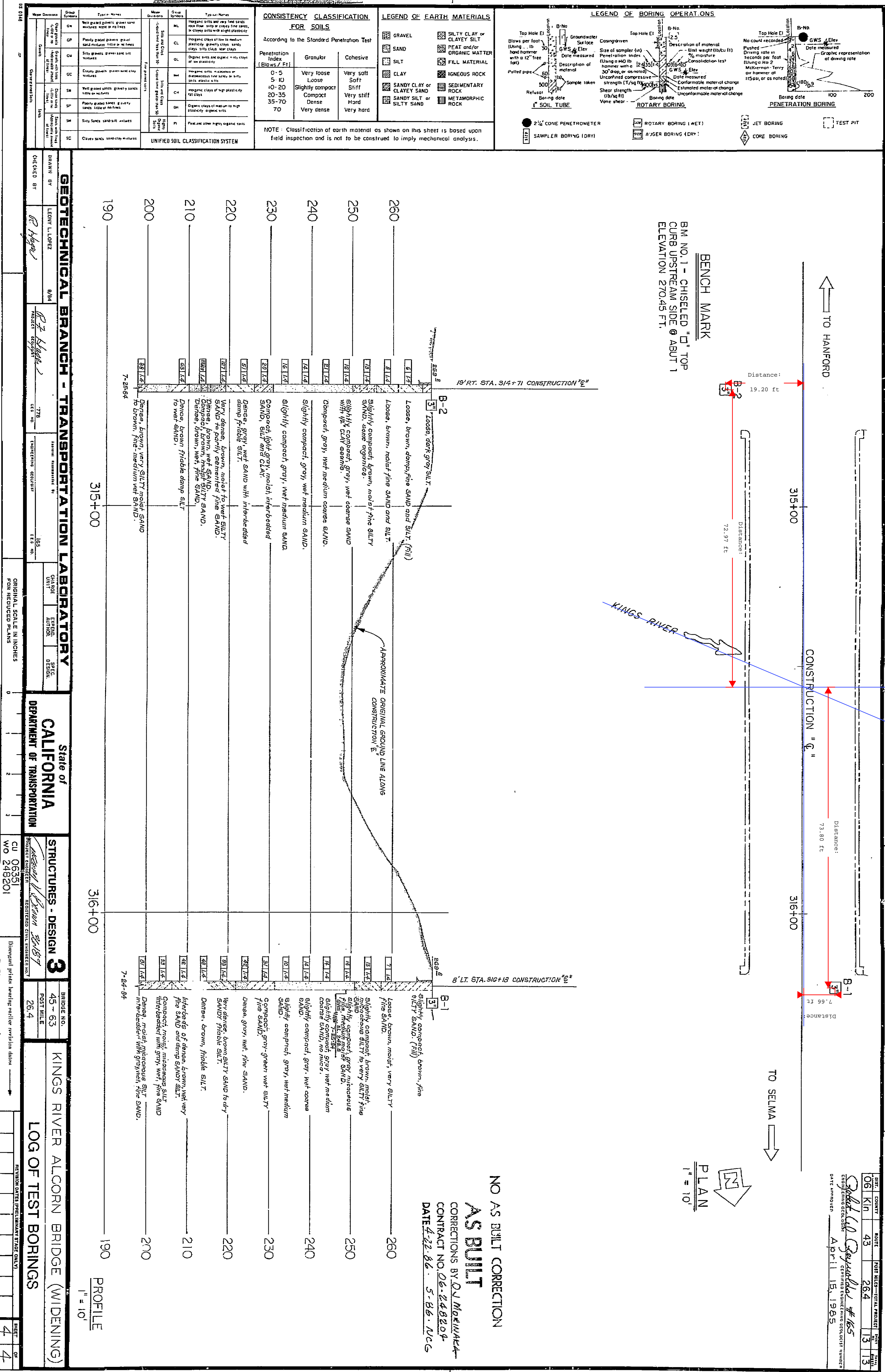
S_{YSTEM}

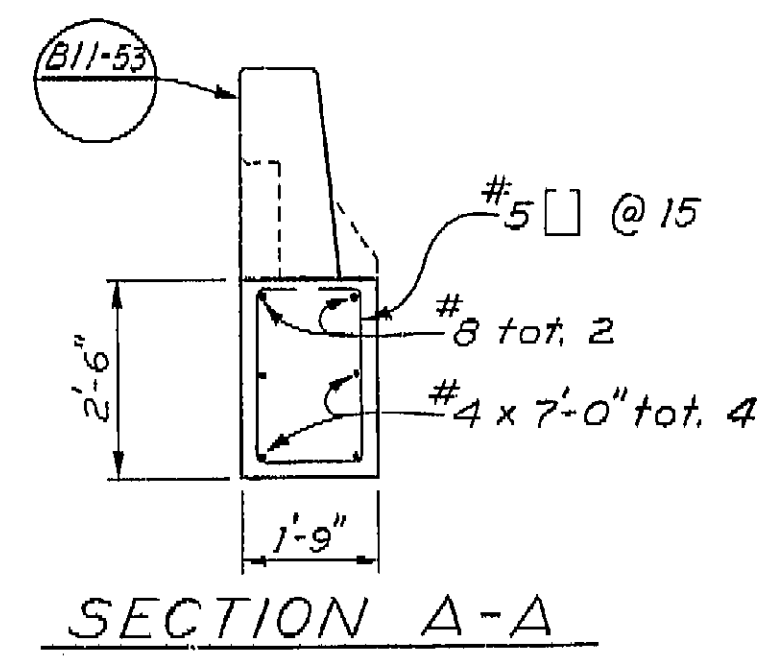
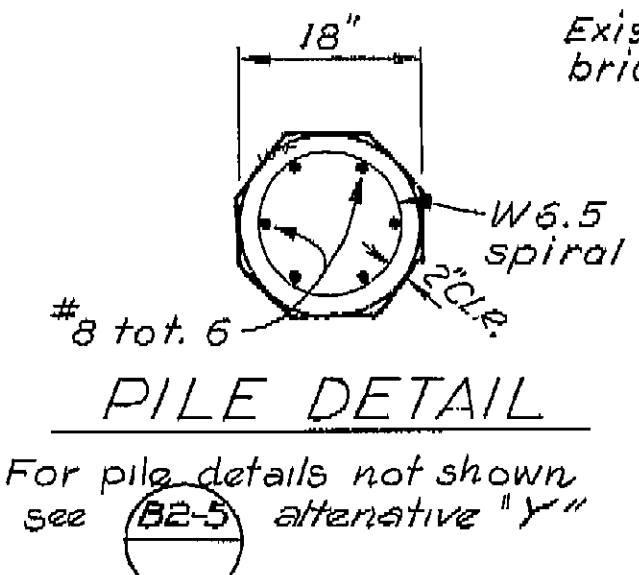
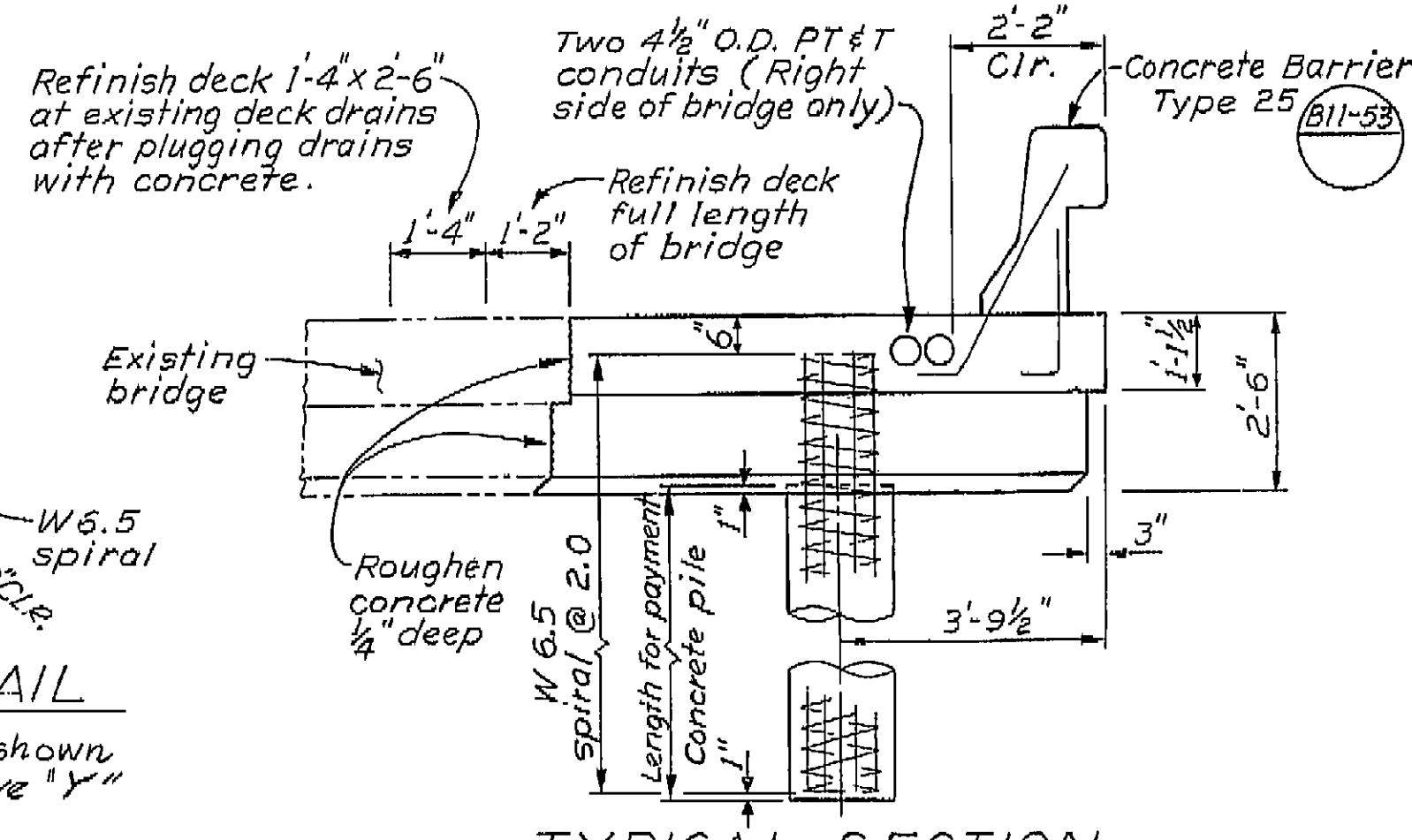
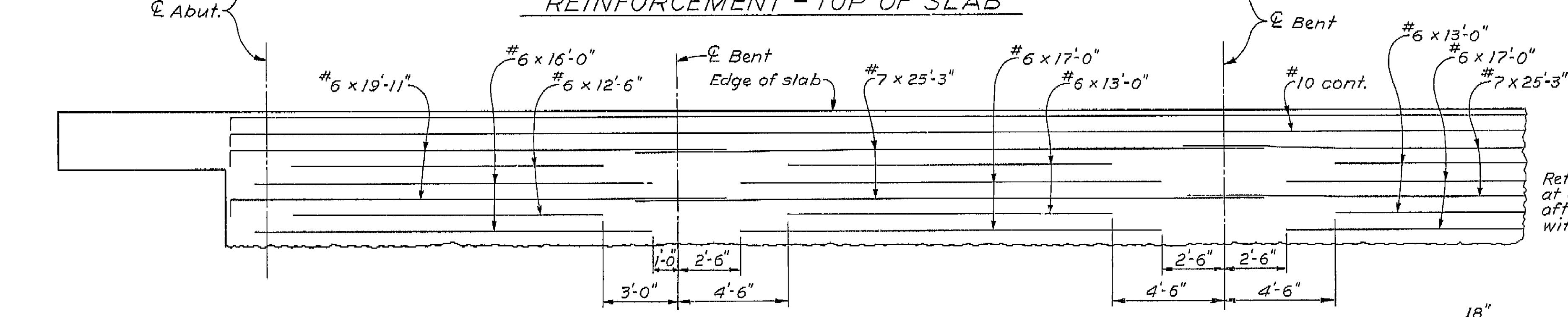
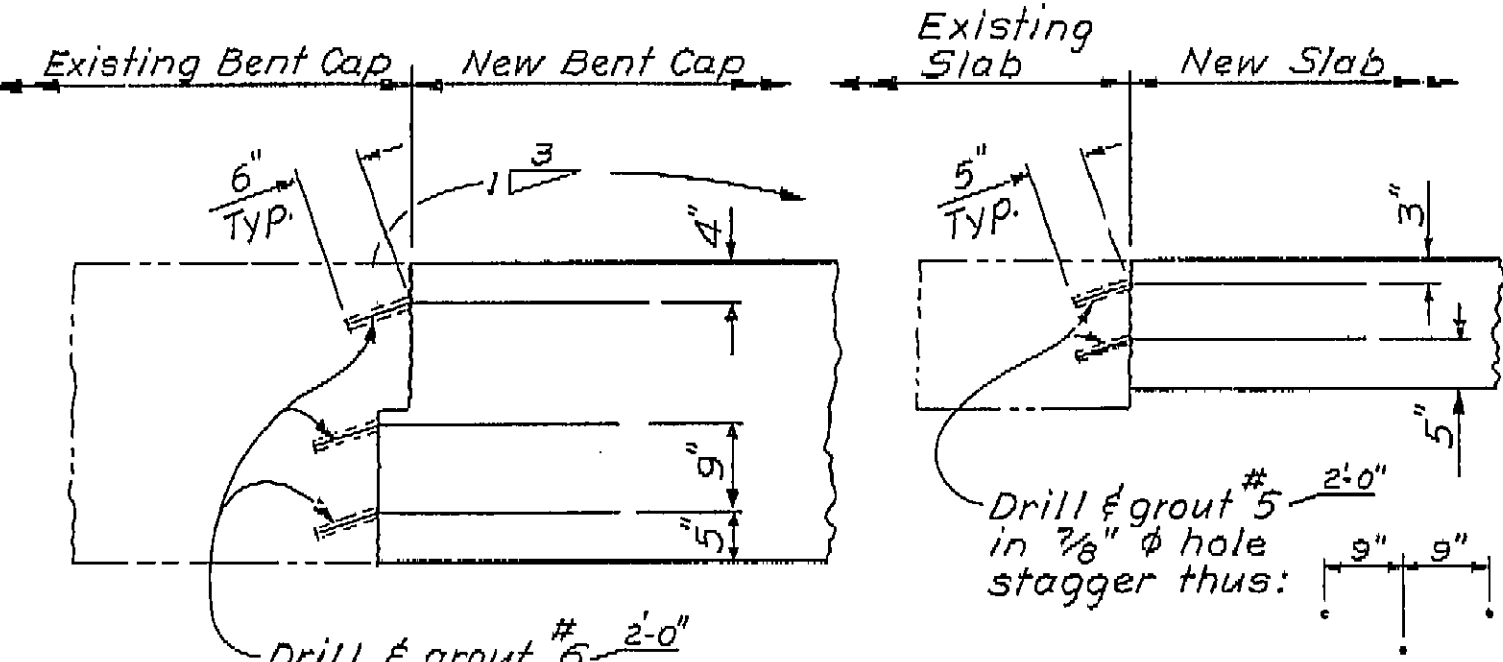
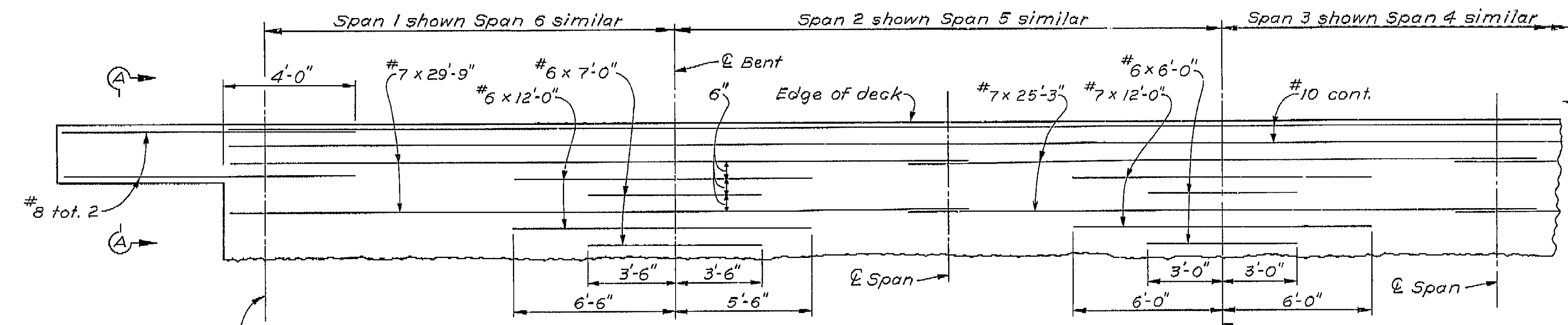
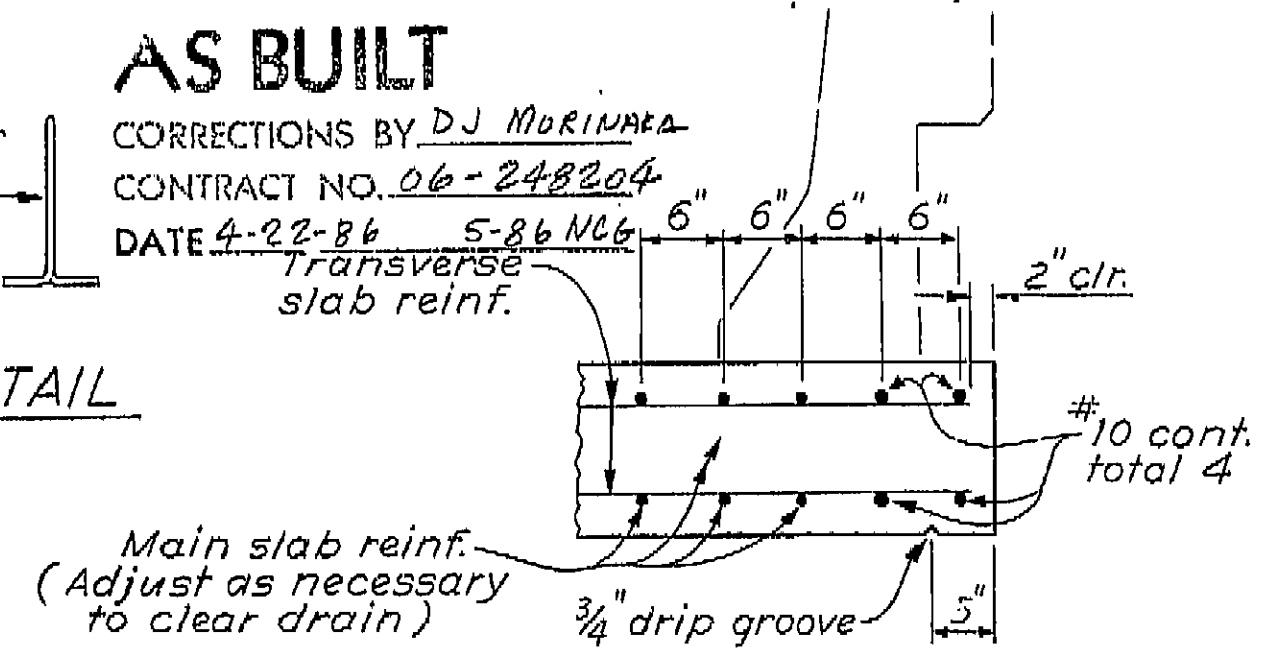
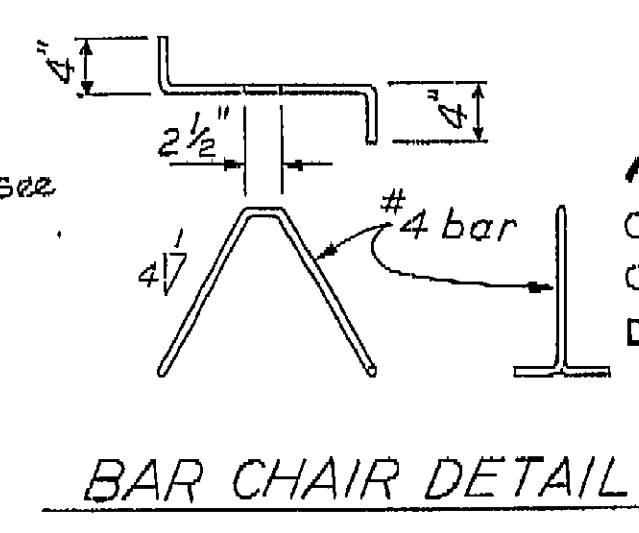
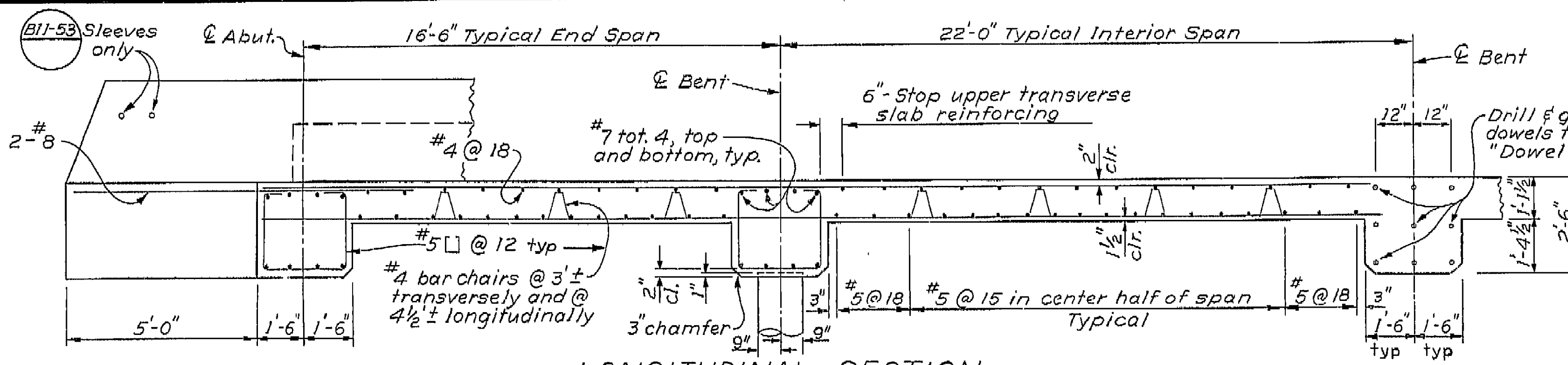
The requested documents have been generated by BIRIS.

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Records for “Confidential” bridges may only be released outside the Department of Transportation upon execution of a confidentiality agreement.







GENERAL NOTES
LOAD FACTOR DESIGN

DESIGN: BRIDGE DESIGN SPECIFICATIONS (1977 AASHTO with Interims and Caltrans Supplements)

DEAD LOAD: Includes 35 psf for future wearing surface.

REINFORCED CONCRETE: $f_y = 60,000$ psi
 $f'_c = 3,250$ psi
 $n = 9$

CAMBER: Interior spans = +0.01' at midspan
End spans = 0.00'

REINFORCEMENT NOTES

Splices in top main bars to be located near center of span.

Splices in bottom main bars to be located near bent.

DESIGN	By <i>Andrew V. Brown</i>	Checked <i>R. L. Lee 7-84</i>
DETAILS	By <i>K. Kawanishi 7-84</i>	Checked <i>R. L. Lee 7-84</i>
QUANTITIES	By <i>John Murphy 8-84</i>	Checked <i>KK 8-84</i>

State of
CALIFORNIA
DEPARTMENT OF TRANSPORTATION

STRUCTURES - DESIGN 3

BRIDGE NO. 45-63
POST MILE 26.4

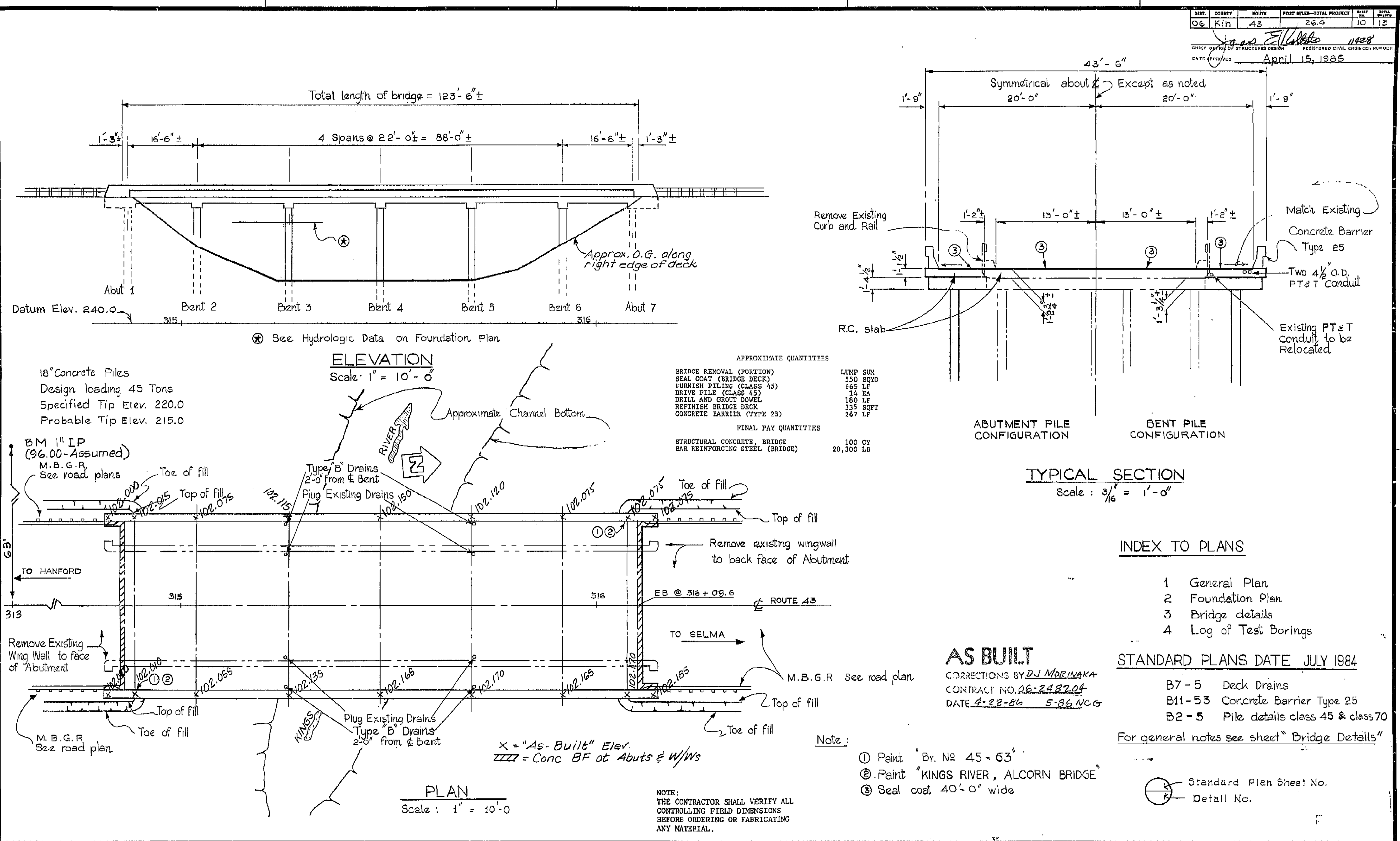
CU 06351
WO 246201

Disregard prints bearing earlier revision dates

KINGS RIVER ALCORN BRIDGE (WIDENING)	
BRIDGE DETAILS	
REVISION DATES (PRELIMINARY STAGE ONLY)	SHEET 3 OF 4

I HEREBY CERTIFY THAT THIS IS A TRUE AND ACCURATE COPY OF THE ABOVE DOCUMENT TAKEN UNDER MY DIRECTION AND CONTROL ON THIS DATE IN SACRAMENTO, CALIFORNIA PURSUANT TO AUTHORIZATION BY THE DIRECTOR OF TRANSPORTATION.

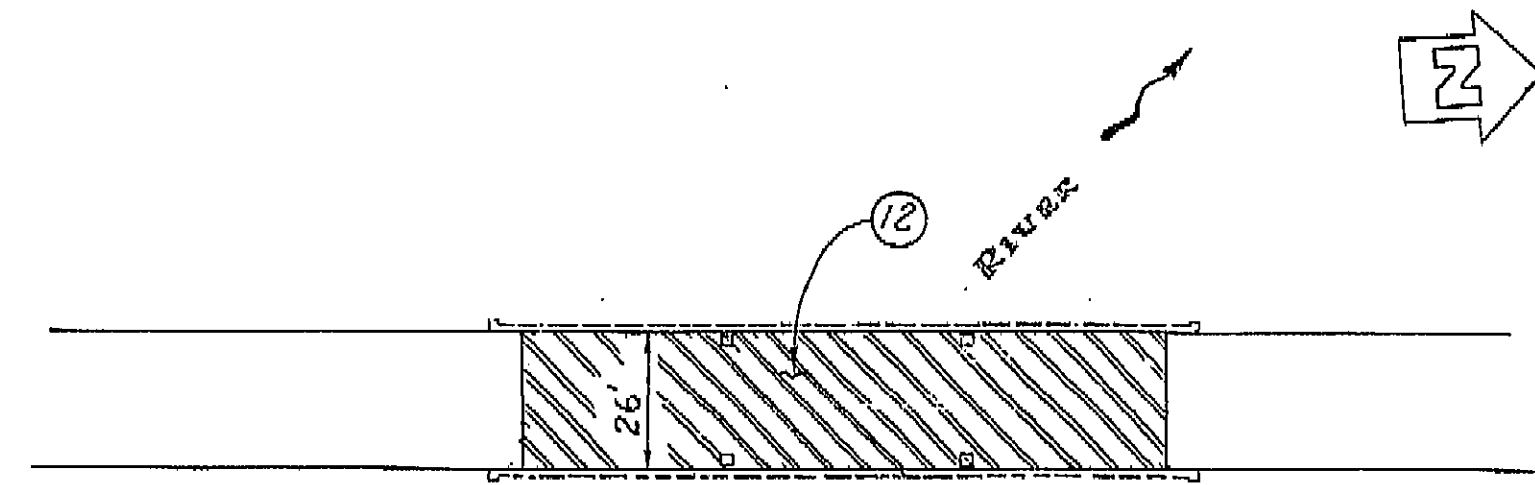
DATE 4-2-86 SUPERVISOR OF MICROFILM SERVICES



AS BUILT PLANS
Contract No. 06-248204
Date Completed
Document No.

Submitted by R. J. Warriner 17729	DESIGN By: [Signature] Checked: [Signature] DATE: 6/24/84	DETAILS By: [Signature] Checked: [Signature] DATE: 6/24/84	QUANTITIES By: [Signature] Checked: [Signature] DATE: 6/24/84	LOAD FACTOR DESIGN By: [Signature] Checked: [Signature] DATE: 6/24/84	LAYOUT By: [Signature] Checked: [Signature] DATE: 6/24/84	SPECIFICATIONS By: [Signature] Checked: [Signature] DATE: 6/24/84	LIVE LOADING: HS20-44 AND ALTERNATIVE AND PERMIT DESIGN LOAD By: [Signature] Checked: [Signature] DATE: 6/24/84	State of CALIFORNIA DEPARTMENT OF TRANSPORTATION	STRUCTURES - DESIGN 3 By: [Signature] Checked: [Signature] DATE: 6/24/84	BRIDGE NO. 45-63 POST MILE 26.4	KINGS RIVER ALCORN BRIDGE (WIDENING) GENERAL PLAN
ORIGINAL SCALE IN INCHES FOR REDUCED PLANS								CU 06351 WO 248201	REVISION DATES (PRELIMINARY STAGE ONLY)		SHEET 01 OF 04

DIST.	COUNTY	ROUTE	POST MILES—TOTAL PROJECT	SHEET	TOTAL SHEETS
06	KIN	43	26.4, 26.8	2	2
BRIDGE ENGINEER			REGISTERED CIVIL ENGINEER NUMBER		
R. P. Cassano			9013		
DATE APPROVED			REGISTERED CIVIL ENGINEER NUMBER		
April 11, 1977			7238		



APPROXIMATE QUANTITIES

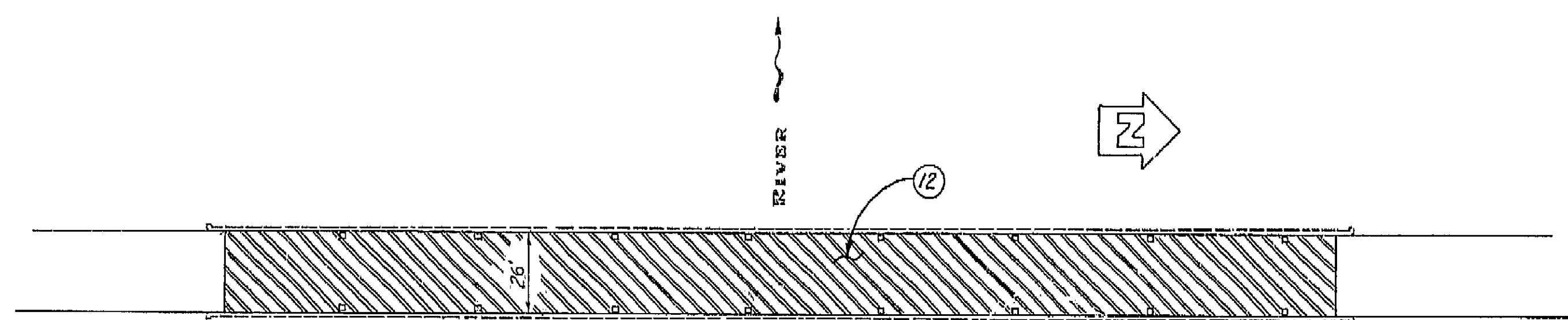
REMOVE UNSOUND CONCRETE 61.71 ± CF

SEAL COAT (BRIDGE DECK) 3207.43 ± SQFT

EPOXY ADHESIVE (BOND COAT) 150 ± GAL

PORTLAND CEMENT CONCRETE (PATCH) 61.71 ± CF

PLAN
KINGS RIVER (ALCORN BRIDGE)
Bridge No. 45-C3 L=124'±
1" = 30'



APPROXIMATE QUANTITIES

REMOVE UNSOUND CONCRETE 466.71 ± CF

SEAL COAT (BRIDGE DECK) 9514.79 ± SQFT

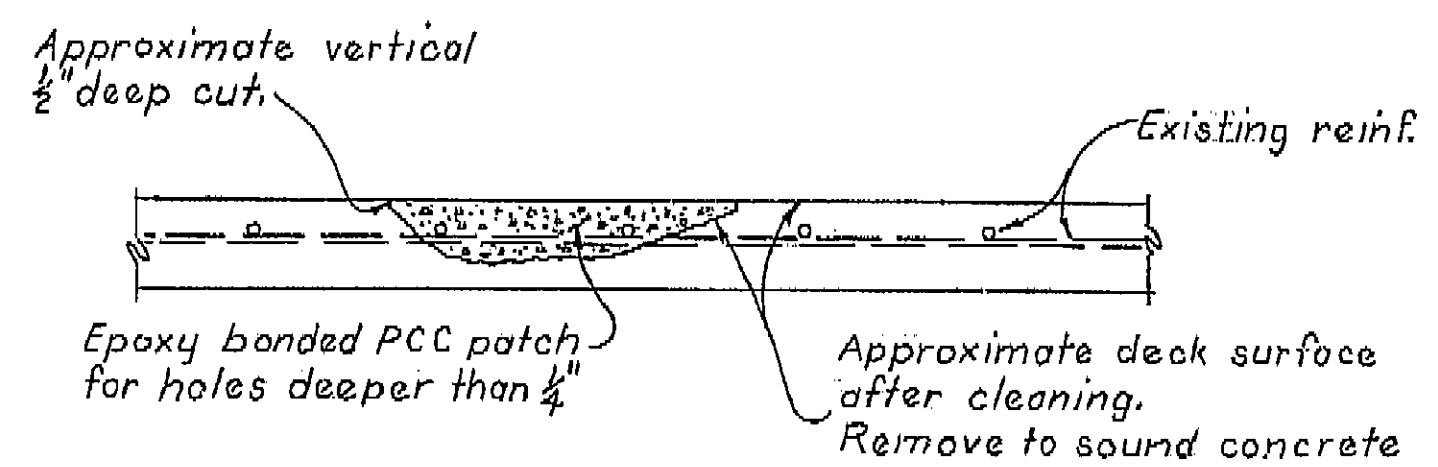
EPOXY ADHESIVE (BOND COAT) 132 ± GAL

PORTLAND CEMENT CONCRETE (PATCH) 466.71 ± CF

PLAN
KINGS RIVER BRIDGE (DUTCH JOHN CUT)
Bridge No. 45-C4 L=366'±
1" = 30'

Notes:

- Remove unsound concrete. Patch holes deeper than 1/4" with PCC concrete. Apply Seal Coat.
- Indicates approx. locations of existing drains.



NOTE:
THE CONTRACTOR SHALL VERIFY
ALL DEPENDENT DIMENSIONS IN
THE FIELD BEFORE ORDERING
OR FABRICATING ANY MATERIAL.

AS BUILT
CORRECTIONS BY R.K. Arre (RER)
CONTRACT NO. 06-147204
DATE 10-27-77 (11-4-77)

DESIGNED BY R. P. Cassano REGISTERED CIVIL ENGINEER NUMBER 9013	DESIGN BY R. P. Cassano REGISTERED CIVIL ENGINEER NUMBER 9013	CHECKED BY R. P. Cassano REGISTERED CIVIL ENGINEER NUMBER 9013	LIVE LOADING: HS 20-44 AND ALTERNATIVE	BRIDGE DEPARTMENT DESIGN SECTION PROJECT ENGINEER R. P. Cassano	BRIDGE NO. 45-63 POST MILE 26.4 / 26.8	ROUTE 43 DECK REHABILITATION
APPROVED BY R. P. Cassano REGISTERED CIVIL ENGINEER NUMBER 9013	DETAILS BY R. P. Cassano REGISTERED CIVIL ENGINEER NUMBER 9013	CHECKED BY R. P. Cassano REGISTERED CIVIL ENGINEER NUMBER 9013	LAYOUT BY R. P. Cassano REGISTERED CIVIL ENGINEER NUMBER 9013	STATE OF CALIFORNIA DEPARTMENT OF TRANSPORTATION	GENERAL PLAN	
QUANTITIES BY R. P. Cassano REGISTERED CIVIL ENGINEER NUMBER 9013	SPECIFICATIONS BY R. P. Cassano REGISTERED CIVIL ENGINEER NUMBER 9013	CHECKED BY R. P. Cassano REGISTERED CIVIL ENGINEER NUMBER 9013	ORIGINAL SCALE IN INCHES FOR REDUCED PLANS	CU 00200 WO 147201	REVISION DATES (PRELIMINARY STAGE ONLY)	SHEET 1 OF 2

AS BUILT PLANS
Contract No. 06-147204
Date Completed

I HEREBY CERTIFY THAT THIS IS A TRUE AND ACCURATE COPY OF THE ABOVE DOCUMENT TAKEN UNDER MY DIRECTION AND CONTROL ON THIS DATE IN SACRAMENTO, CALIFORNIA PURSUANT TO